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PTO/SB/05 (12/98)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY</b> <b>PATENT APPLICATION</b> <b>TRANSMITTAL</b>  (Only for new nonprovisional applications under CFR 1.53(b))	Attorney Docket No.	<b>THOLAC P51AUS</b>	<b>22386 U.S. PTO</b> <b>10/7/17690</b>  <b>112003</b>			
	First Named Inventor or Appln Identified: <b>Camiel HUISMA et al.</b>					
	Title: <b>ANIMAL MANAGEMENT SYSTEM</b>					
	Express Mail Label No.	<b>EV 330995675 US</b>				
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent appln. contents.		<b>ADDRESS TO:</b> <b>Assistant Commissioner for Patents</b> <b>Box Patent Application</b> <b>P. O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>				
<table border="0"><tr><td style="vertical-align: top;"><p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> (submit an original, and a duplicate for fee processing)</p><p>2. <input type="checkbox"/> Applicant claims small entity status (see 37 CFR 1.27.)</p><p>3. <input checked="" type="checkbox"/> <b>Specification</b> (Total Pages) [ 14 ] (preferred arrangement set forth below)</p><ul style="list-style-type: none"><li>• Descriptive title of the invention</li><li>• Cross References to Related Applications</li><li>• Statement Regarding Fed sponsored R &amp; D</li><li>• Reference to Microfiche Appendix</li><li>• Background of the Invention</li><li>• Brief Summary of the Invention</li><li>• Brief Description of the Drawings (if filed)</li><li>• Detailed Description</li><li>• Claim(s)</li><li>• Abstract of the Disclosure</li></ul><p>4. <input checked="" type="checkbox"/> <b>Drawings</b> (35 USC 113) (Total Pages) [ 5 ]</p><p>4a. <input checked="" type="checkbox"/> Submission of Formal Drawings (Total Pages) [ 1 ]</p><p>5. <input checked="" type="checkbox"/> <b>Oath or Declaration</b> (Total Pages) [ 3 ]</p><p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p><p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)</p><p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p></td><td style="vertical-align: top;"><p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).</p><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p><p>8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)</p><p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p><p>b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper</p><p>c. <input type="checkbox"/> Statements verifying identity of above copies</p></td></tr></table>				<p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> (submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status (see 37 CFR 1.27.)</p> <p>3. <input checked="" type="checkbox"/> <b>Specification</b> (Total Pages) [ 14 ] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>• Descriptive title of the invention</li><li>• Cross References to Related Applications</li><li>• Statement Regarding Fed sponsored R &amp; D</li><li>• Reference to Microfiche Appendix</li><li>• Background of the Invention</li><li>• Brief Summary of the Invention</li><li>• Brief Description of the Drawings (if filed)</li><li>• Detailed Description</li><li>• Claim(s)</li><li>• Abstract of the Disclosure</li></ul> <p>4. <input checked="" type="checkbox"/> <b>Drawings</b> (35 USC 113) (Total Pages) [ 5 ]</p> <p>4a. <input checked="" type="checkbox"/> Submission of Formal Drawings (Total Pages) [ 1 ]</p> <p>5. <input checked="" type="checkbox"/> <b>Oath or Declaration</b> (Total Pages) [ 3 ]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p>	<p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>	
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<b>ACCOMPANYING APPLICATION PARTS</b>						
<p>9. Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input checked="" type="checkbox"/> Other: Express Mail Certificate</p>						
<p>17. If a <b>CONTINUING APPLICATION</b>, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) of prior application No.: ____ / ____</p> <p>Prior application information: Examiner _____ Group/Art Unit: _____</p> <p>For <b>CONTINUATION OR DIVISIONAL APPS</b> only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>						
<b>18. CORRESPONDENCE ADDRESS</b>						
<table border="0"><tr><td style="vertical-align: top;"><p><input checked="" type="checkbox"/> Customer Number: <b>020210</b></p><p>Name: <b>DAVIS &amp; BUJOLD, P.L.L.C.</b> 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America</p><p>Name: <b>Scott A. Daniels</b></p><p>Signature: </p></td><td style="vertical-align: top; text-align: center;"><p>PATENT &amp; TRADEMARK OFFICE</p> <b>020210</b></td><td style="vertical-align: top;"><p><input type="checkbox"/> Correspondence address below</p><p>Telephone: 603/624-9220</p><p>Telefax: 603/624-9229</p><p>E-Mail: patent@davisandbujold.com</p><p>Registration No.: <b>42,462</b></p><p>Date: <b>November 20, 2003</b></p></td></tr></table>				<p><input checked="" type="checkbox"/> Customer Number: <b>020210</b></p> <p>Name: <b>DAVIS &amp; BUJOLD, P.L.L.C.</b> 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America</p> <p>Name: <b>Scott A. Daniels</b></p> <p>Signature: </p>	<p>PATENT &amp; TRADEMARK OFFICE</p>  <b>020210</b>	<p><input type="checkbox"/> Correspondence address below</p> <p>Telephone: 603/624-9220</p> <p>Telefax: 603/624-9229</p> <p>E-Mail: patent@davisandbujold.com</p> <p>Registration No.: <b>42,462</b></p> <p>Date: <b>November 20, 2003</b></p>
<p><input checked="" type="checkbox"/> Customer Number: <b>020210</b></p> <p>Name: <b>DAVIS &amp; BUJOLD, P.L.L.C.</b> 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America</p> <p>Name: <b>Scott A. Daniels</b></p> <p>Signature: </p>	<p>PATENT &amp; TRADEMARK OFFICE</p>  <b>020210</b>	<p><input type="checkbox"/> Correspondence address below</p> <p>Telephone: 603/624-9220</p> <p>Telefax: 603/624-9229</p> <p>E-Mail: patent@davisandbujold.com</p> <p>Registration No.: <b>42,462</b></p> <p>Date: <b>November 20, 2003</b></p>				

## FEE TRANSMITTAL

for FY 2003

Patent fees are subject to annual revision

☐ Applicant claims small entity status.  
See 37 CFR 1.27

Complete if Known

 Application No.  
Filing Date  
First Named Inventor  
Examiner Name  
Group Art Unit

Camiel HUISMA et al.

TOTAL AMOUNT OF PAYMENT: \$385

Attorney Docket No.

THOLAC P51AUS

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number: 04-0213

Deposit Account Name: DAVIS &amp; BUJOLD, P.L.L.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) Indicated below ☐ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) Indicated below, except for the filing fee to the above-identified account.

## FEE CALCULATION

## 1. FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$385
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provision filing fee	
SUBTOTAL (1)					\$385

## 2. CLAIMS

	Extra	Fee From Below	Fee Paid
Total Claims	20 - 20* =	\$18 (\$9) x	= 0
Ind. Claims	1 - 3 =	\$86 (\$43) x	= 0
Mult. Ind. Claims	=	\$290 (\$145) x	= 0

\*\* or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim
1204	86	2204	43	**Reissue Independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				

\$0

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge-late filing fee/oath	
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for re-examination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Ext. for reply w/in 1 mon	
1252	420	2252	210	Ext. for reply w/in 2 mon	
1253	950	2253	475	Ext. for reply w/in 3 mon	
1254	1,480	2254	740	Ext. for reply w/in 4 mon	
1255	2,010	2255	1,005	Ext. for reply w/in 5 mon	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a Brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (for reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petition related to provisional applns.	
1806	180	1806	180	Submission of Info. Disclo. Stmt.	
8021	40	8021	40	Recording ea. patent assignment per property (times No. of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For ea. additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Cont. Exam. (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

\*\*or number previously paid, if greater; For Reissues, see above

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) -0-

## SUBMITTED BY

Completed (if applicable)


Typed or Printed Name: Scott A. Daniels

Registration Number

42,462

Telephone No. (803) 624-9220

Signature



Date: November 20, 2003

Deposit Account User ID

04-0213

11/20/03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Camiel HUISMA and Alison SUNSTRUM  
Serial no. :  
For : ANIMAL MANAGEMENT SYSTEM  
Docket : THOLAC P51AUS

The Commissioner for Patents  
U.S. Patent & Trademark Office  
P. O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number: **EV 330995675 US**

Date of Deposit: **November 20, 2003**

I hereby state that the following attached paper or fee:

**Check for \$385;**  
**Patent Application Transmittal-1 pg.;**  
**Fee Transmittal Ltr (+Dupl)-1 pg.;**  
**Specification/Claims/Abstract-14 pgs.;**  
**Submission of Formal Drawings-1 pg.;**  
**Drawings (Figs. 1-4)-5 pgs.;**  
**Declaration & Power of Atty-3 pgs.;**

**Return Postcard**

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

**Scott A. Daniels**



Signature of person mailing paper or fee

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

PATENT & TRADEMARK OFFICE



020210

11/20/03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Camiel HUISMA and Alison SUNSTRUM
Serial no.	:	
Filed	:	
For	:	ANIMAL MANAGEMENT SYSTEM
Docket	:	THOLAC P51AUS

MAIL STOP PATENT APPLICATION  
The Commissioner for Patents  
U.S. Patent & Trademark Office  
P. O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF FORMAL DRAWINGS**

Enclosed please find five (5) sheets of formal drawings which are to be entered in this case.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,



Scott A. Daniels, Reg. No. 42,462

**Customer No. 020210**

Davis & Bujold, P.L.L.C.

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